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FILE: 5119-08301

August 1, 2001

J1033 U.S. PTO  
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Derrick Brown

0920341-08301-01

**ATTN: PATENT APPLICATION**

Commissioner for Patents  
Washington, D.C. 20231

Re: **U.S. Patent Application Entitled "METHODS FOR HIGH-PRECISION GAP AND ORIENTATION SENSING BETWEEN A TRANSPARENT TEMPLATE AND SUBSTRATE FOR IMPRINT LITHOGRAPHY"**  
-- Choi, et al.

Sir:

Transmitted herewith for filing is a disclosure including a title page, a 53 page specification, 43 pages of claims (Claims 1-245), and a one page abstract. In addition, we have also included 52 drawings on 52 sheets. The disclosure and drawings constitute the application of Byung J. Choi, Matthew Colburn, S.V. Sreenivasan, C. Grant Willson, Todd Bailey and John Eckerdt for the above-entitled invention.

Please note that this application is filed without an inventor Declaration and filing fees. Applicant requests the Patent and Trademark Office to accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail. Further, the Applicant requests that the NOTICE OF MISSING PARTS-FILING DATE GRANTED be sent to the undersigned Applicant representative.

**SECRET**

Please address all correspondence in connection with this application to:

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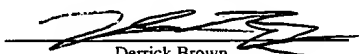
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**METHODS FOR HIGH-PRECISION GAP AND ORIENTATION SENSING  
BETWEEN A TRANSPARENT TEMPLATE AND SUBSTRATE FOR IMPRINT  
LITHOGRAPHY**

By:

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Matthew Colburn

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Todd Bailey

John Eckerd

0992041.080101  
"THE 080101"